

b. from about 15% to about 90% of a biodegradable thermoplastic polymer having a molecular weight of from about 5,000 g/mol to 500,000 g/mol, and

A2 c. from about 2% to about 70% of a plasticizer,

wherein thermoplastic polymer microfibrils are formed within the starch matrix in the environmentally degradable, highly attenuated fiber.